

Wom180_vMS

High quality mid-woofer

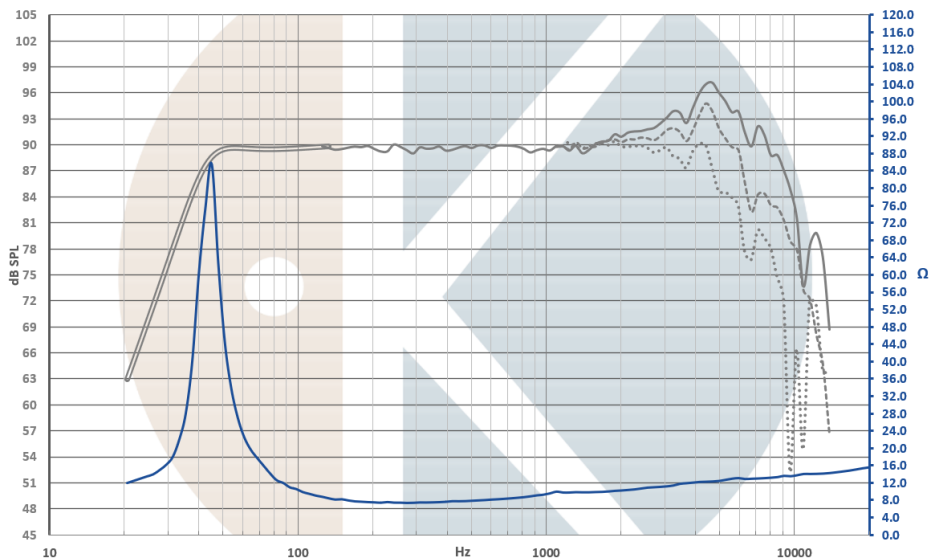


Wom180_vMS is a high-quality mid-woofer engineered to be used in 2 ways demanding system, with affordable sensitivity. We recommend to use this driver to cover the bandwidth from 40Hz to 2500Hz (-3dB).

It has been engineered to provide accurate cone movements, with ± 8 mm real linear excursion.

The powerful motor structure is based on advanced pole piece geometry which focus 1.3T in the gap, long cooper ring, keeping smooth inductance (L_e variation = 0.07mH at 1000Hz, with ± 8 mm excursion).

The suspensions use pumaX spiders and low lost NBR surround avoiding any mechanical damping, and keeping constant F_s [Hz] in large excursion.



On IEC baffle / Distance: 1m / Signal input: 2,83V / Dash curves: 20° & 40°
 Smoothing: 1/12 Octave / Impedance measured in free air
 Curve below 120Hz is simulated in 25L vented enclosure / Tuning frequency: 44Hz

Wom180_vMS

Our products can be adapted to your technical requirements and brand spirit.

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Advanced construction

Membrane

Damped carbon fiber cone
CNC Aluminum phase lug

Suspension

Low lost NBR surround
pumaX spider

Voice coil:

Ø37mm, 2 layers, CC Aluminum wire
Glass fiber former

Motor structure:

Dual Fe magnets (Magnet grade: Y40)
Long cooper ring
Optimized and vented pole pieces
Low carbon steel

Frame

Injected aluminum (ACD12)
Fully vented

T&S

Fs 46Hz
SPL 90dB/2.83V/1m
Re 6.5Ω
Impedance 8 Ω

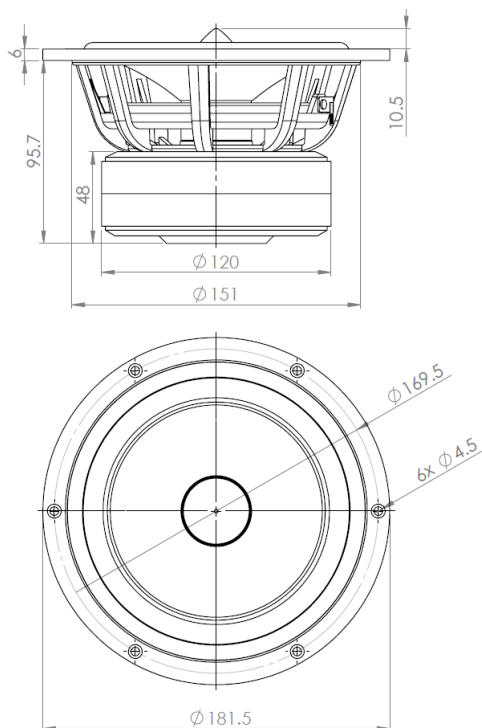
Qms 4.3
Qts 0.38
Bl 8.1N/A

VAS 21.8L
Mms 14.5g
Sd 136.5cm²

Linear excursion: +/-8 mm
Maximal excursion: +/-12mm

Nominal power: 120W
(AES:2012 standard)

Maximal power handling: 160W



Integrated innovation



.Konstant Le(X)



.foKus field



.dynamik spider



.Kompliance surround



.Kooling

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